VEHICLE SYSTEM FOR USE IN COSMETIC COMPOSITION

Publication number: JP3218306
Publication date: 1991-09-25
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Classification:
- international: ***A61K8/30; A61K8/00; A61K8/24; A61K8/25; A61K8/34; A61K8/36; A61K8/365; A61K8/37; A61K8/39; A61K8/40; A61K8/41; A61K8/42; A61K8/44; A61K8/60; A61K8/64; A61K8/73; A61K8/86; A61K8/891; A61K8/895; A61K8/897; A61K8/97; A61Q5/00; A61Q5/06; A61Q5/12; A61Q7/00; A61Q17/04; C08L83/04;*** **A61K8/00; A61K8/19; A61K8/30; A61K8/72; A61K8/96; A61Q5/00; A61Q5/06; A61Q5/12; A61Q7/00; A61Q17/04; C08L83/00;** (IPC1-7): A61K7/00; A61K7/06; A61K7/08; A61K7/42
- European: A61K8/895; A61K8/58C; A61K8/73; A61K8/73C; A61K8/891; A61Q5/06; A61Q5/12
Application number: JP19900210123 19900807
Priority number(s): US19890390330 19890807; US19900517289 19900501; US19900551120 19900716

Also published as:
EP0412710 (A2)
MX171876 (A)
IE902827 (A1)
EP0412710 (A3)
EP0412710 (B1)
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Abstract of **JP3218306**

PURPOSE: To obtain a vehicle system comprising a hydrophobic modified nonionic water-soluble polymer, a water-insoluble surfactant, and a compatible solvent, capable of dispersing various kinds of active ingredients, and giving a rheology highly similar to a preferable gel-net structure to a cosmetic composition. CONSTITUTION: This vehicle comprises (A) a hydrophobic modified nonionic water-soluble polymer comprising a water-soluble polymer main chain and 8-22C alkyl, arylalkyl and alkylaryl groups and having a hydrophilic part: hydrophobic part ratio of 10:1 to 1000:1, preferably 0.1-10.0wt.% of a nonionic cellulose ether substituted with 10-24C long chain alkyl groups in an amount of 0.2wt.% to an amount for dissolving the cellulose ether in a concentration of <1wt.%, (B) a water-insoluble surfactant having a mol.wt. of <20000, and (C) 65-99wt.% of a compatible solvent, and has a shear stress of 0-50 pascal in a shear speed range of 0.04-25sec<-1> . The vehicle system is compounded with <=20wt.% of active cosmetic ingredients, and is especially useful for rinse-off hair conditioning compositions.

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